UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ____ ELECTRIC LOGS ____ FILE X WATER SANDS ____ LOCATION INSPECTED ____ SUB. REPORT/abd. ____

* 10-3-83 Location change too far needed repermitting

DATE FILED 9-28-83

LAND: FEE & PATENTED STATE LEASE NO. ML 27749 PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: 9-29-83 - OIL/GAS (Cause No. 102-16B)

SPUDDED IN:

COMPLETED: PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION: 4526' GL

DATE ABANDONED: 10.3.83 L.A.

FIELD: 3/86 GREATER CISCO ~~AREA~~

UNIT:

COUNTY: GRAND

WELL NO. STATE 2-16 API 343-019-31101

LOCATION 900' FSL FT. FROM (N) (S) LINE, 2340' FWL FT. FROM (E) (W) LINE. SESW 1/4 — 1/4 SEC. 2

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
21S	23E	2	ROSS JACOBS				

Form 9-331 C
(May 1963)

UTAH STATE

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

14 4 OK

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL
OIL WELL [X] GAS WELL [X] OTHER SINGLE ZONE [X] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR
Ross Jacobs

3. ADDRESS OF OPERATOR
2467 Commerce Blvd., Grand Junction, Colo 81501

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface
900' FSL, 2340' FWL, S-2, T-21S, R-23E, Grand County, Utah.
At proposed prod. zone
Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5. LEASE DESIGNATION AND SERIAL NO.
ML-27749

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
State 2-16

10. FIELD AND POOL, OR WILDCAT
GREATER CISCO AREA

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
S-2, T-21S, R-23E

12. COUNTY OR PARISH
Grand

13. STATE
Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)	16. NO. OF ACRES IN LEASE	17. NO. OF ACRES ASSIGNED TO THIS WELL
900'	320	40 Acres (gas) 10 Acres (oil)
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.	**19. PROPOSED DEPTH**	**20. ROTARY OR CABLE TOOLS**
550' from Grindstaff No. 3	1100'	Rotary

ENTRADA

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4526 GL

Watered up and abandonded. We will plug.

22. APPROX. DATE WORK WILL START*
Sept. 28, 1983

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-7/8"	7-5/8"	26 lb.	150'	Circ to surface
6-3/4"	4½"	10.5 lb.	top of Dakota	25 Sx

Well to be air drilled to top of Dakota and completed open hole. Same proceedure will be used as on State 2-14 well drilled in September, 1983.

RECEIVED
SEP 27 1983
DIV. OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.
SIGNED Ross Jacobs TITLE Operator DATE Sept 22, 1983

(This space for Federal or State office use)

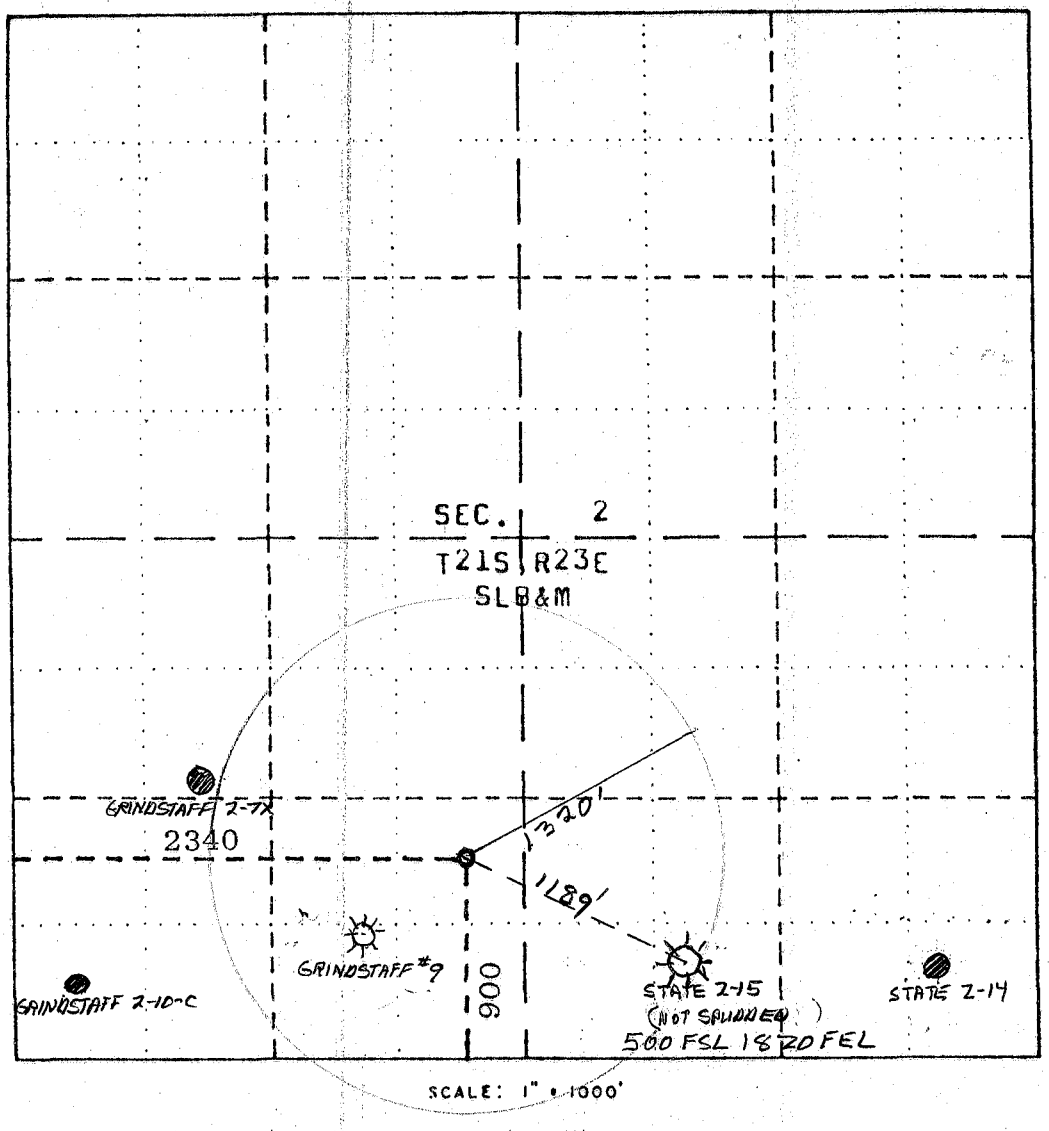
PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

102-16B



STATE #2-16

Located North 900 feet from the South boundary and East 2340 feet from the West boundary of Section 2, T21S, R23E, SLB&M

RP North 200' = 4524.3 Elev. 4526
RP South 200' = 4527.6
RP East 200' = 4524.8 Grand County, Utah
RP West 200' = 4523.3

REGISTERED LAND SURVEYOR
No. 2573
UDELL S. WILLIAMS
STATE OF UTAH

SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

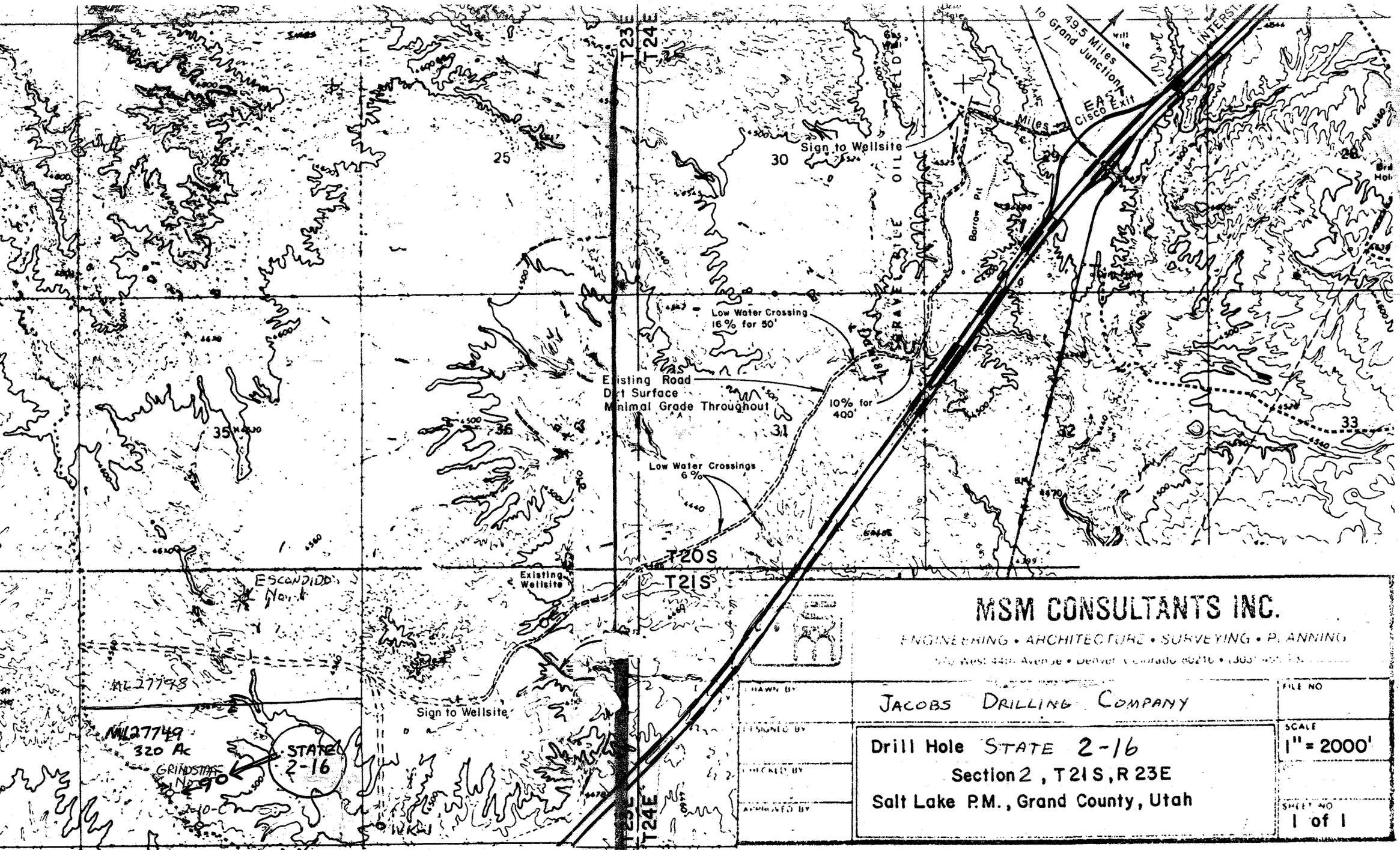
UTAH R.L.S. NO. 2573

REGISTERED LAND SURVEYOR
UDELL S. WILLIAMS
751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION

STATE #2-16
SE¼SW¼ SECTION 2
T21S, R23E, SLB&M

SURVEYED BY: USW DATE: 7/21/83
DRAWN BY: USW DATE: 7/22/83



MSM CONSULTANTS INC.

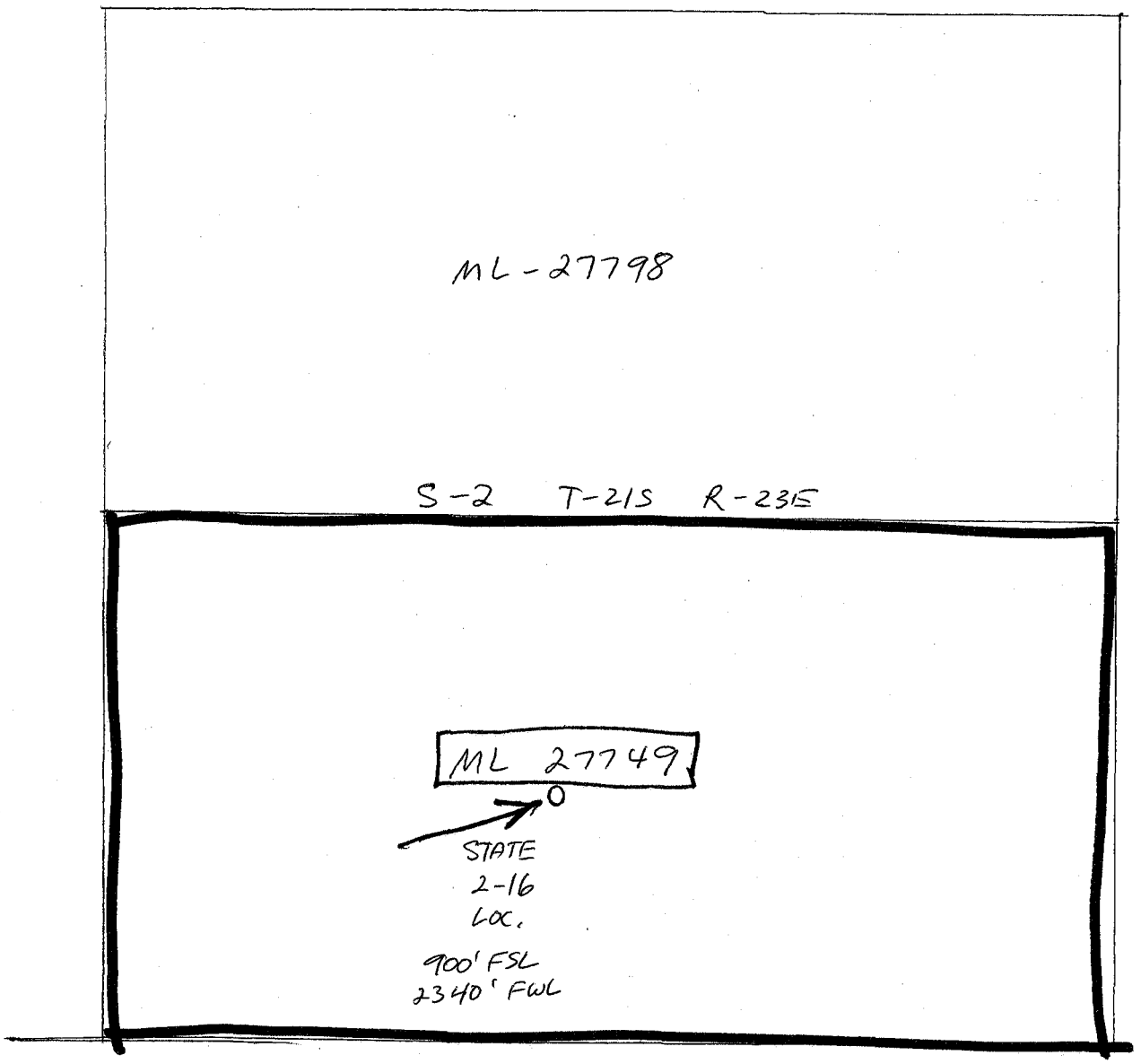
ENGINEERING • ARCHITECTURE • SURVEYING • PLANNING

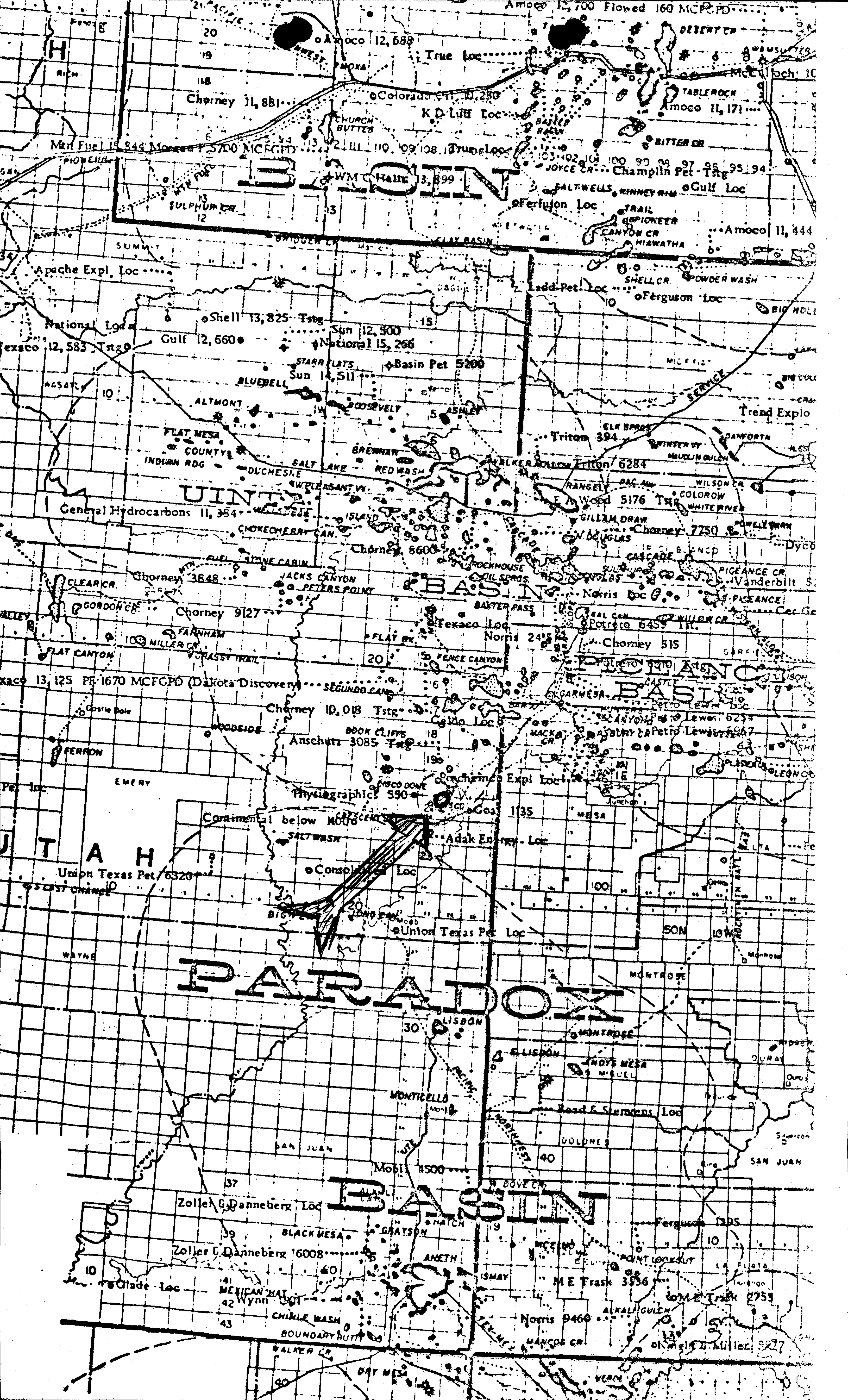
[illegible] West 38th Avenue • Denver, Colorado 80216 • (303) [illegible]

DRAWN BY	JACOBS DRILLING COMPANY	FILE NO
DESIGNED BY	Drill Hole STATE 2-16 Section 2, T21S, R23E Salt Lake P.M., Grand County, Utah	SCALE 1" = 2000'
CHECKED BY		
APPROVED BY		SHEET NO 1 of 1

LEASE MAP

ML-27749
(UTAH)





Amoco 12,700 Flowed 160 MCFGPD
Amoco 12,688
True Loc
DESERT CR
WAMSUTTER
McCulloch 10
Chorney 11,881
Colorado Oil 10,250
K D Luff Loc
CHURCH BUTTES
TABLEROCK
Amoco 11,171
BAXTER BASIN
BITTER CR
Mtn Fuel 13,844 Morgan F 5700 MCFGPD
True Loc
JOYCE CR
Champlin Pet Tstg
WM C Halle 13,899
SALT WELLS
KINNEY RIM
Gulf Loc
SULPHUR CR
Ferguson Loc
TRAIL
PIONEER
CANYON CR
HIAWATHA
Amoco 11,444
BRIDGER CR
CLAY BASIN
SUMMIT
Apache Expl Loc
Ladd Pet Loc
SHELL CR
POWDER WASH
Ferguson Loc
Shell 13,825 Tstg
National Loc
Sun 12,500
Gulf 12,660
Texaco 12,583 Tstg
National 15,266
STARR FLATS
Basin Pet 5200
Sun 14,511
BLUEBELL
WASATCH
ALTMONT
ROOSEVELT
ASHLEY
SERVICE
Trend Explo
FLAT MESA
COUNTY L
INDIAN RDG
DUCHESNE
BRENNAN
SALT LAKE
RED WASH
Triton 394
ELK SPRGS
WINTER VY
DANFORTH
WALKER HOLLOW
Triton 6284
RANGELY
WILSON CR
W PLEASANT VY
E A Wood 5176 Tstg
COLOROW
WHITE RIVER
UINTA
General Hydrocarbons 11,384
ISLAND
GILLAM DRAW
POWELL PARK
CHOKECHERRY CAN.
N DOUGLAS
Chorney 7750
Chorney 8600
CASCADE
STONE CABIN
ROCKHOUSE
OIL SPRGS.
PIGEANCE CR
Vanderbilt
Chorney 3848
JACKS CANYON
PETERS POINT
CLEAR CR
BASIN
Norris Loc
S PICEANCE
GORDON CR
Chorney 9127
BAXTER PASS
Texaco Loc
Potrero 6459 Tst.
WILLOW CR
FARNHAM
Norris 2415
MILLER CR
FLAT CANYON
GRASSY TRAIL
FLAT RK
Chorney 515
FENCE CANYON
Potrero 6010 Astg
PICEANCE
Texaco 13,125 PF 1670 MCFGPD (Dakota Discovery)
SEGUNDO CAN
BASIN
CASTLE
GARMESA
Castle Dale
Chorney 10,018 Tstg
Petro Lewis Loc
Petro Lewis 6254
Calvo Loc
HUNTERS CANYON
ASBURY CR
Petro Lewis 5967
WOODSIDE
BOOK CLIFFS
Anschutz 3085 Tstg
MACK CR
FERRON
EMERY
Prochemco Expl Loc
Physiographics 550
CISCO DOME
Grand Junction
Cosi 1135
MESA
Continental below 4000
SALT WASH
Adak Energy Loc
UTAH
Union Texas Pet 6320
Consolidated Loc
E LAST CHANCE
BIG FLAT
Union Texas Pet Loc
WAYNE
50N
10W
Monrose
MONTROSE
PARADOX
LISBON
MONTROSE
E LISBON
ANDYS MESA
MIGUEL
OURAY
MONTICELLO
Read & Stemmens Loc
SAN JUAN
DOLORES
Silverton
SAN JUAN
Mobil 4500
DOVE CR
Zoller & Danneberg Loc
BASIN
HATCH
Ferguson 1205
BLACK MESA
GRAYSON
Zoller & Danneberg 16008
McELMO
POINT LOOKOUT
LA PLATA
ANETH
ISMAY
Glade Loc
MEXICAN HAT
Wynn
M E Trask 3556
M E Trask 2755
ALKALI GULCH
CHINLE WASH
Norris 9460
BOUNDARY BUTTE
MANCOS CR
WALKER CR
DRY MESA

PROGNOSIS FOR
R. L. JACOBS OIL AND GAS COMPANY

STATE 2-16

Location: Section 2, Township 21 South, Range 23 East, SLB&M, Grand County, Utah

Elevations: 4526 GL

Surface Casing: 150 ft of 7-5/8" 26lb., K-55. R-3 casing set and cemented with 100 sax cement w/3% CaCl; with returns to surface. The surface hole (12½") will be drilled to 150 ft. depth, with not more than 1° deviation.

Expected Formation Tops:

Formation	Depth to Top	Thickness	Datum
Mancos	Surface	900'	4530'
Dakota	900'	100'	3630'
Cedar Mountain	1000'	90'	3530'
Morrison (Brushy Basin)	1090'	280'	3440'
(salt Wash)	1370'	250'	3160'
Entrada	1700'	---	
Total Depth	1250'		

1. It is planned to drill a 12½" surface hole for the surface casing down to a depth of 150 ft., and set 150 ft. of 7-5/8" casing with approx. 100 sax cement with returns to the surface. A casing head or flange will be mounted on top of the surface casing, and a blowout preventer with blind and pipe rams (hydraulic) will be mounted on the casing head. A rotating head will then be mounted on top of the blowout preventer. A blewie line, at least 125 ft. in length, will then be attached to the rotating head, and extended into the reserve pit. The BOP will be tested to 2000 psi, before drilling below surface casing is begun.

2. A 6-3/4" hole will then be drilled below the surface casing, using air for circulation. A flare will be maintained at 500 ft. and below, to insure that no gas is missed. The air drilling will also minimize the damage to the hydrocarbon resivoir. No toxic gasses have ever been encountered in this area, and none are expected.

3. Samples of the cuttings will begin at 500 ft., with 30 ft. samples being taken from 500 ft. to 800 ft., and then 10 ft. samples will be taken from 800 ft. to Total Depth.

4. It is planned to drill the well to a depth which is approximately 100 ft. below the top of the Cedar Mt formation, unless major commercial flows of gas or oil are obtained above this depth.

5. If a high gas flow (several million CFD) and/or when the total depth of the well is reached, electric logs will be run. Prior to running logs, high viscosity mud will be pumped into the hole to provide control of the gas and to provide a conductive medium for the logs. A dual inductive laterlog will be run from the bottom to the top of the hole, and a gamma-density and compensated neutron porosity log will be run from the bottom, to a point which is 150 ft. above the top of the Dakota formation.

6. If good production is obtained (over 750 MCFD), 4½" casing (10.5 lb. K-55) will be run and cemented conventionally, with sufficient R.F.C. cement to cover 200 ft. above the top of the Dakota formation. The production zone will then be perforated, with 2-3/8" tubing run and completed conventionally.

7. It is anticipated that the drilling of the well will require 5 days.

R. L. JACOBS OIL AND GAS COMPANY

Thomas D Harrison

Thomas D. Harrison

WELL CONTROL EQUIPMENT FOR
R. L. JACOBS OIL & GAS COMPANY

STATE 2-16

GRAND COUNTY, UTAH

The following control equipment is planned for the above designated well:
(See attached diagram)

1. Surface Casing

   A. Hole size for surface casing is 12½" or 9 7/8
   B. Setting depth for surface casing is approx. 150 ft.
   C. Casing specs. are: 7-5/8" O.D., K-55, 26 lb, 8 round thd, new or used.
   D. Anticipated pressure at setting depth is approx. 20 psi
   E. Casing will be run using three centralizers and a guide shoe, and will be cemented with approx 100 sax cement, with returns to the surface.
   F. Top of casing will be near ground level.

2. Casing Head

   Flange size: 10", A.P.I. Pressure rating: 2000 psi W. P. Series 600; Cameron, OCT, or equivilent; new or used; equiped with two 2" ports with nipples and 2" 2000 psi W.P. ball or plug valves. Casing head and valves set above ground level. Aflange only, may be used on top of the casing, if the BOP is equiped with 2" outlets below the blind rams.

3. Intermediate casing

   None.

4. Blowout Preventors:

   A. Double rams; hydraulic; one set of blind rams; one set of rams for 3½" or 4" drill pipe; 10" flange; 2000 psi or greater W.P.; Series 900; equiped with mechanical wheels and rod for back-up; set on top of casing head flange and securly bolted down, and pressure tested for leaks up to 2000 psi. A hydraulically operated hy-drill may be used in place of the above BOP, if equipped with 2" outlets below the rams. BOP will be tested for leaks at 2000 psi prior to drilling below surface casing.

   B. Rotating Head: Grants or equivalent; set on top of the BOP, and bolted securly; complete with kelly drive, pressure lubricator, 3½" or 4" rubber for 2000 psi W.P.; need not have hydril assembly on bottom, if a separate hydril or BOP is used.

   C. Fill and Kill Lines: The fill and kill lines (2" tubing or heavy duty line pipe) are to connected thru the 2" valves on the casing head, and through a manifold to permit ready switching from the fill to kill lines

5. Auxillary Equipment

   A float valve is to be used in the bottom drill collar at all times. A safety valve that can be used in the drill pipe will be kept within easy reach on the rig floor at all times.

6. Anticipated Pressures

The shut-in pressres of the Dakota, Cedar Mountain, Morrison, and Entrada formations in the area, at depths of from 500ft. to 1000ft. ,have been measured at about 250 psi to 350 psi maximum. No toxic gasses have ever been encountered in the area, and none are expected.

7. Drilling Fluids

Air will be used to drill the subject well until water is encountered, then air-soap-water mist will be used to drill the well deeper. In case of exessive caving problems, it may be neccessary to convery to mud.

8. Production Casing

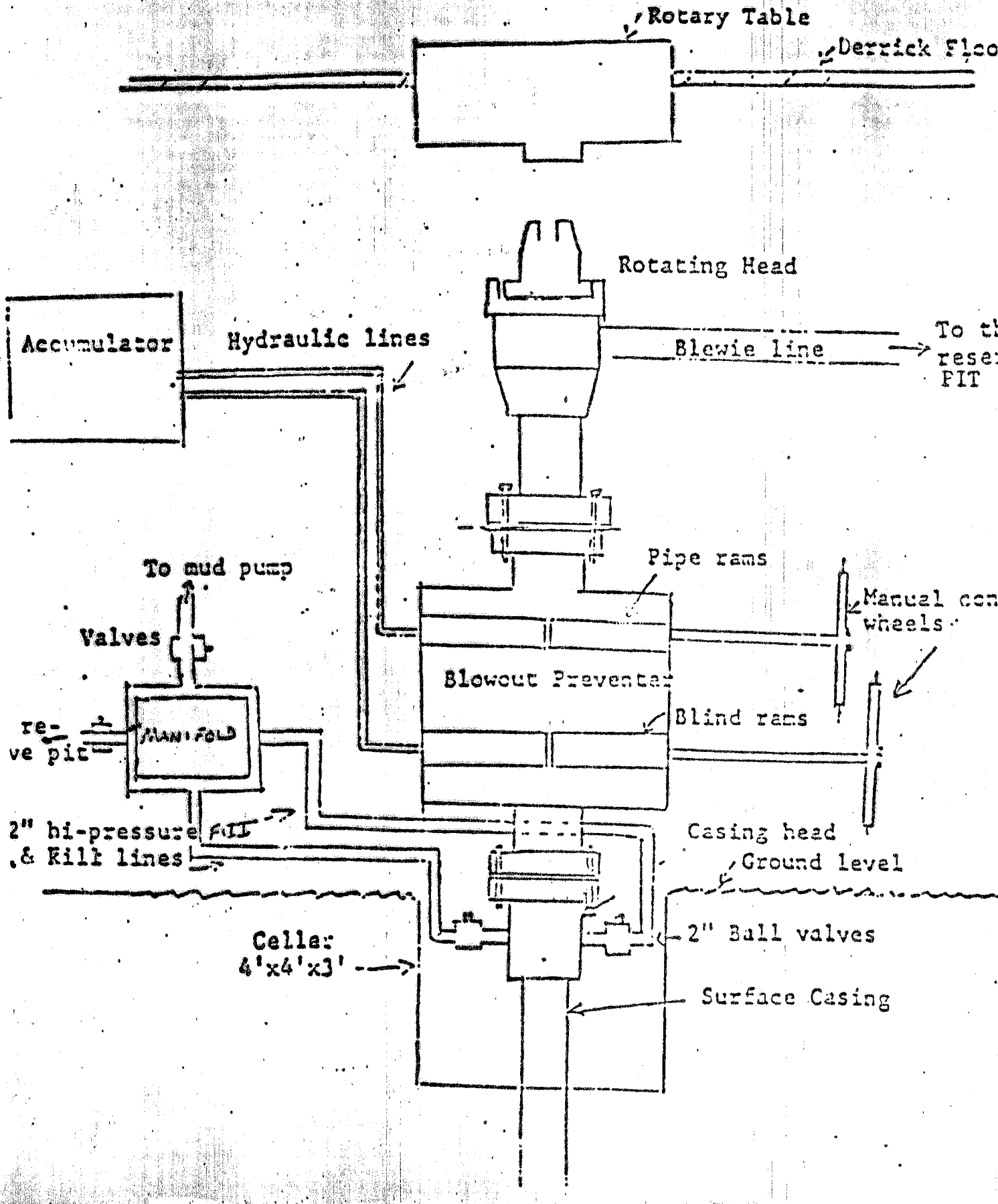
A. Hole size for production casing will be 6-3/4 inch
B. Approximate setting depth will be 1000 ft.
C. Casing specs. are: $4\frac{1}{2}$ in O.D.; K-55;10.5 lb.; 8-rd. thread; new.
D. If good production is obtained, the casing will be run,with a guide shoe at the bottom and about six centrallizers, and cemented conventionally with sufficient R.F.C. cement to cover 200 ft. above the top of the Dakota formation. The production zone will be perforated, and 2-3/8" tubing will be run, with the well completed conventionally. In the event the production is small, it may be desireable to minimize formation damage by keeping all mud and cement off the producing formation. In this event, the proceedure outlined below will be used.
E. Casing will be run with about six centrallizers and a cement basket with DV tool set above the production zone. There will be sufficient casing to extend through the production zone below the basket with a blind guide shoe on the bottom. The casing will be cemented above the packer with sufficient cement to cover the Dakota formation with 200 ft. The cement will be allowed to cure for at least 48 hours. The plug can then be drilled out, and the casing perforated below the DV tool. The 2-3/8" tubing will be run and secured in the tubing head prior to perforating.

SCHEMATIC DIAGRAM OF
CONTROL EQUIPMENT FOR THE

R. L. JACOBS OIL & GAS CO.

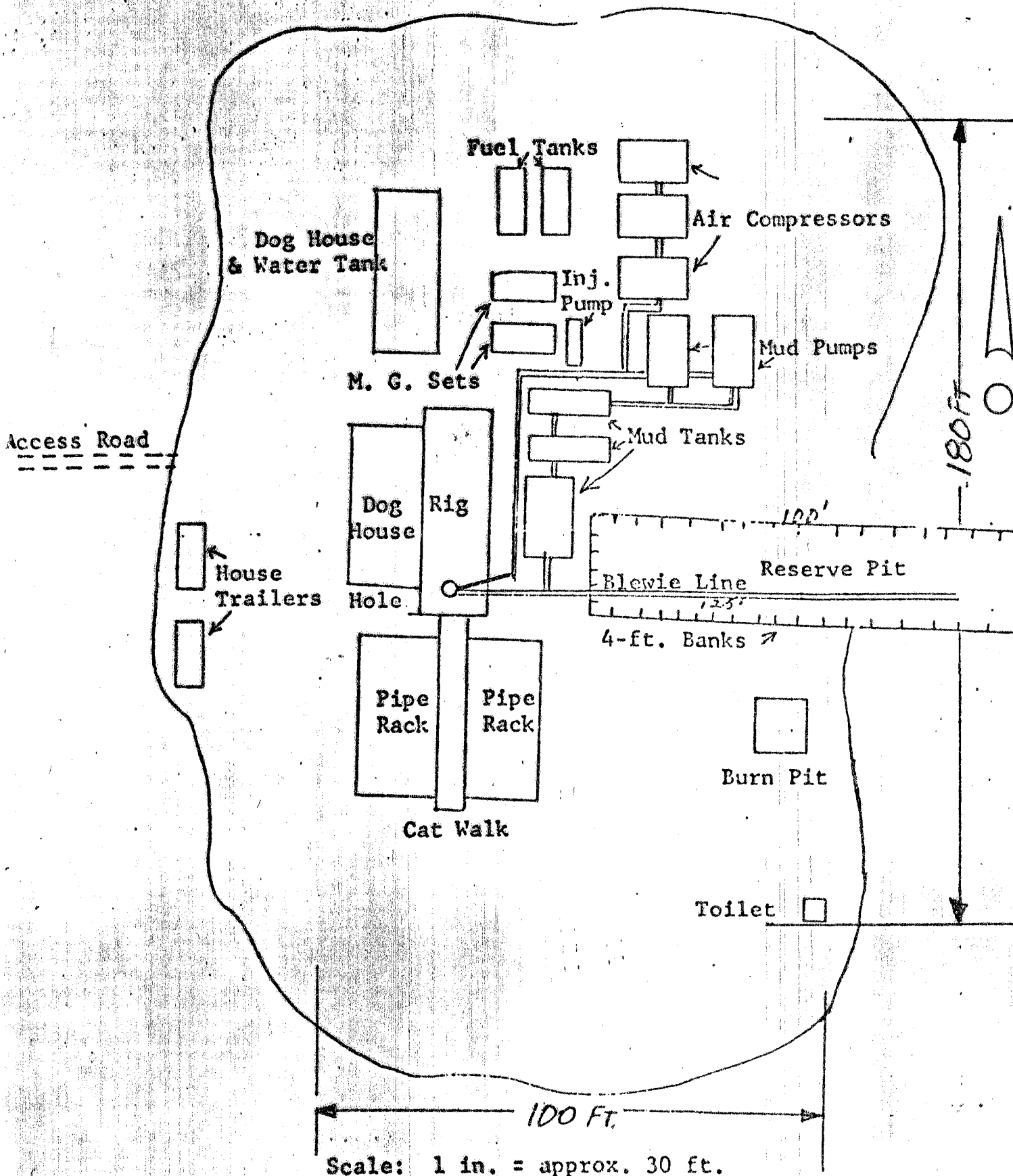
STATE 2-16

GRAND COUNTY, UTAH



R. L. JACOBS OIL & GAS CO.

STATE 2-16

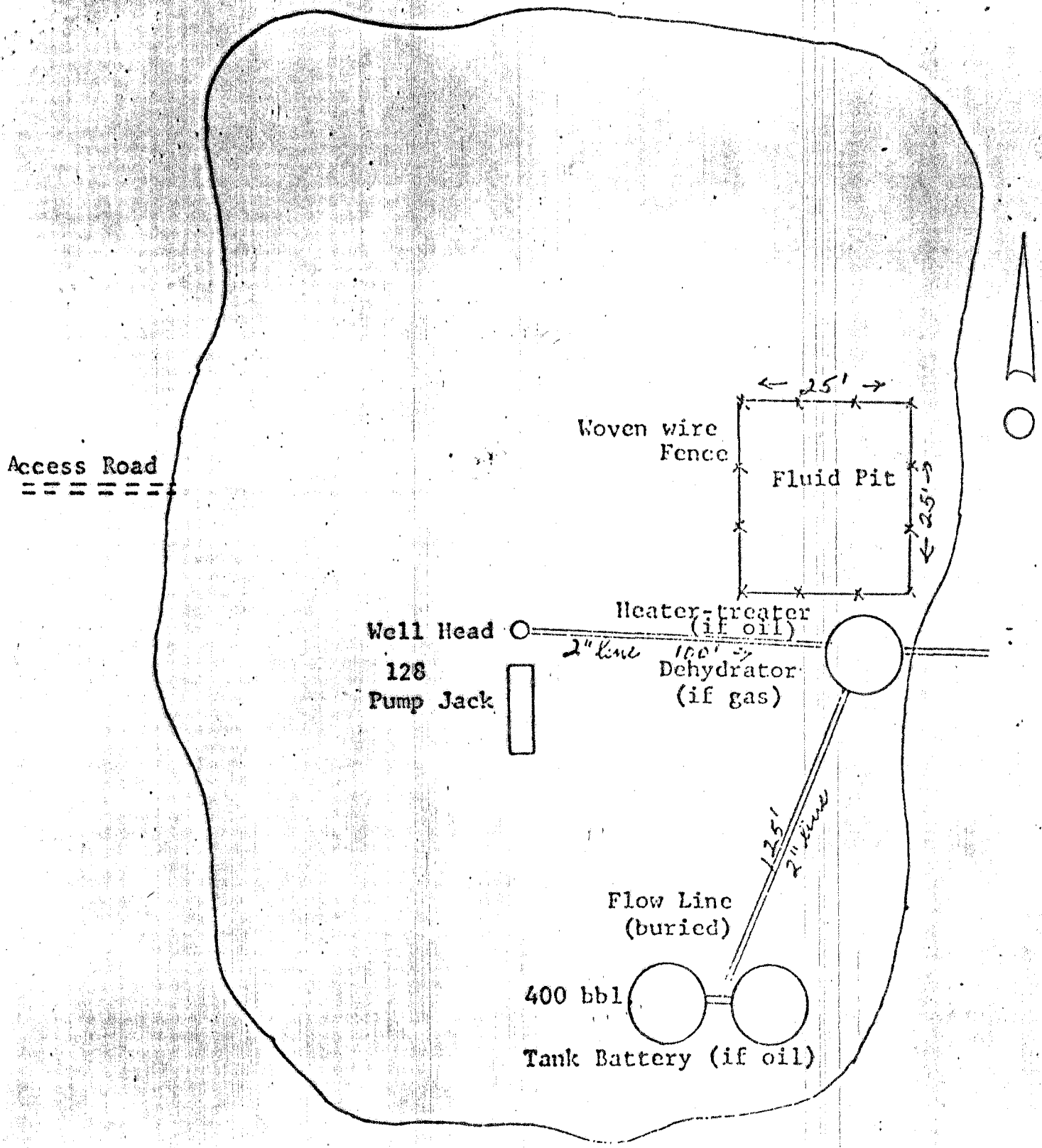


Scale: 1 in. = approx. 30 ft.

Plat No. 3

R. L. JACOBS OIL & GAS CO.

STATE 2-16



Scale: 1 in. = 30 ft.

Plat No. 2

N T L - 6 P L A N R E P O R T

For

Well Name 2-16

Location Section 2 , T-21 , R-23E
Grand County, Utah

1. Existing Roads: (See attached Maps)

A. Well Location: (See Plat #1)

Reference Stakes: 200' N-S-E-W

Perimeter Stakes: As above. Stakes outline maximum perimeter of well pad.

B. Route and Distance to Well Site From Reference Point: (See att. maps)

The reference point is located on the main Cisco Springs road at a point 0.3 miles from I-70 turnoff, where the Jacobs road turns to the left. Proceed four miles to the well site.

C. Access Roads (Identify secondary roads to be used): (See att. maps)

Proceed on I-70 36 miles West of Fruita offramp (Exit 19). to the East Cisco offramp. Proceed North 150 feet and take a Left on the Cisco Springs Road. Proceed to the well site as outlined in (B) above.

D. Roads Within 3 mile Radius: (See att. map) The main road (first 2 miles) is a county road, graded, crowned, and ditched. All the other roads around the well site are unimproved and are flat with no drainage provisions. The last 0.3 miles of road is a trail with no improvement. It is on Mancos soil and topography and is on shale and silt in the low areas Surface type and conditions: and on gravel across the benches. It crosses small washes, and has grades of about 10% on both sides of the wash.

E. Roads Within 1 mile Radius: (See att. maps) See 1-D Above. The roads within 1-mile of the site are mostly dozed trails (old seis trails) dozed across natural topography and soil. The road base is Mancos shale and soil with some gravel and conglomerate on the bench areas. They are normally about 10 ft. wide.

F. Plans for Road Improvement & Maintenance: The last 0.1 miles of road will be widened to a maximum disturbed width of 20' and flat-graded with the dirt pushed to the sides.

2. Planned Access Roads: (See att. maps) About 0.2 mi. of new road will be built across fairly level Mancos terrain by blading a path with a bull-dozer.

(1) Width: Maximum disturbed width will be 20 ft.

(2) Maximum Grades: 6% or less

(3) Turnouts: None needed

(4) Drainage Design: None needed

(5) Location and Size of Culverts, Cuts, and Fills: None needed

(6) Surfacing Material: The road is across Mancos shale and soil which is composed of gravel and silt. No other material will be used.

(7) Gates, Cattleguards, or Fence Cuts: None

(8) All new roads have been flagged as required.

3. Location of Existing Wells: (See Map No. 2)

(1) Water Wells: None

(2) Abandoned Wells: (2), Grindstaff No. 9, and 2-10C

(3) Temporarily Abandoned Wells: None

(4) Disposal Wells: None

(5) Drilling Wells: None

(6) Producing Wells: Escondito No. 1

(7) Shut-in Wells: None

(8) Injection Wells: None

(9) Monitoring or Observation Wells: None

4. Location of Existing and/or Proposed Facilities:

A. Within 1-mile radius of location show the following existing facilities owned or controlled by lessee/operator:

(1): Tank Batteries: (Size) None

(2) Production Facilities: None

(3) Oil gathering lines: None

(4) Gas gathering lines: None

(5) Injection lines: None

(6) Disposal lines: None

(7) Are lines buried? N/A

B. If new facilities are contemplated, in the event of production, show (These facilities depend on the outcome of the proposed well and are really unknown at this time.) Show a general proposed plan. (See Plat No. 2)

(1) Are any facilities planned off well pad? None at this time. If the well is a successful gas well, a gas gathering line (3½") will have to be laid and connected to the main gas line; but this will be covered by a separate proposed plan, accompanied with maps, surveys, etc., at a later date.

(2) Give dimensions of facilities: See Plat #2

(3) Construction methods and materials: Location will be levelled for production equipment. Tank batteries will be placed on a 3-in. gravel pad and surrounded with an 18" dike (15' from tanks). Separators and heater-treaters will be placed on gravel pads or cement bases. Pump jacks will be on cement platforms or on raised dirt and gravel mounds. All pipe lines on the pad will be buried.

(4) Protective measures for livestock and wildlife: All open pits will be fenced with woven wire (sheep) fence (40") and pump jacks or rotating machinery will have guards to prevent danger by moving parts

C. Plan for rehabilitation of disturbed areas no longer needed after drilling operations are completed: Well site will be cleaned, levelled, and graded for production equipment; pits folded-in or

C. fenced with woven wire. While production ensues, previous areas of well pad not needed for production operations will be restored as in Item 10 below.

5. Location & Type of Water Supply: (See att. maps)

A. Type of Water Supply: Cisco Springs (natural flow) located in Section 9 of T 20S, R 23E. (See copy of State Water Permit, enclosed)

B. Method of Transporting Water: The water will be hauled from the spring to the well site by truck

C. Is Water Well Planned? No
If so, describe location, depth and formation:

6. Source of Construction Materials:

A. See attached map and describe: None will probably be required, since the well will be drilled during the good weather season.

B. Identify if Federal, Indian, or Fee Land: ____ State

C. Describe Material: (Where from and how used)

D. See item 1-C and 2 above.

7. Waste Disposal:

(1) Cuttings: The cuttings will be blown into the reserve pit, and the blewie line will be directed into the cut portion of the p

(2) Drilling Fluids: In mud tanks; excess put into reserve pit.

(3) Producing Fluids (oil or water) Oil in tanks; water in reserve pit.

(4) Human Waste: Toilet with pit (4' deep) with lime for odor and sanitation control. Will be covered with soil (3' deep) at end of operatior

(prior to commencemen
of drilling

(5) Garbage & Other Waste: (Burn pit will be adequately fenced with chicken wire to prevent scattering of debris by wind) Into burn pit, (4' X 6' X 6' deep) and burned periodically. The burn pit will be approx. 125' from well head.

(6) Clean-up: (See item 10 below) All garbage and unburned debris will be buried by at least 3 ft. of cover after the drilling and completion operations are finished. The unused material and all equipment will be removed from the site and taken to supply yards or to the next drill site.

8. Airstrips and/or Camp Sites (Describe): None needed

9. Well Site Layout: (See Plat No. 3)

(1) Describe cuts or fills: See well site layout and profile for detail of cuts and fills. Only other cuts will be for pits.

(2) Describe pits, living facilities, soil stockpiles: Reserve pit is long and narrow as shown. Excavated material will be piled at the north end of pit. Top soil (1½' deep) will be piled at the east end of the site. Two or three trailer houses will be provided for the supervisory personnel.

(3) Rig Orientation, Pipe rack, Access Road Entrance, etc.: (See Plat #3)

(4) Are Pits Lined? Unlined with 4-ft. banks

10. Plans For Restoration:

A. If Well is completed: Site will be cleaned, debris removed, pits folded-in or fenced with woven wire, and site levelled for production equipment. All unused portions will be contoured, graded, scarred, and seeded with wheat grass.

B. If Well is abandoned:

(1) Clean-up, levelling, folding pits-in, contouring: These items will be done as soon as possible.

(2) Seeding location and access road: Site will be seeded with crested wheat grass, or as suggested by BLM by hand broadcasting and then scarred with a dozer or spike-toothed drag. The access road, if no longer needed, will be erased, contoured, seeded, and scarred as above. Water bars will be placed where needed.

(3) Will pits be fenced or covered? If there is a large amount of fluid in the reserve pit, it will be fenced with woven wire before rig is released & remain fenced until the fluid drys up & the pit is reclaimed.

(4) Is there any oil in reserve pit? Should not be any great amount.
If so, describe disposal: If there is a large amount, it will be removed prior to covering pit

(5) When will restoration work be done? As soon as possible. Within 60 days after equipment is removed if weather and availability of clean-up equipment permit and will be completed within 10 days thereafter.

11. Description of Land Surface:

(1) Topography & Surface Vegetation: Location is on fairly ground and is on typical Mancos soil and gravel. Sage brush, shad scale, grass and tumble weed are present.

(2) Other Surface Activities & Ownership: The land around the drill site is federal land with minerals and surface owned by the public. The area does have some grazing by sheep. There are no power lines, power-sites, irrigation ditches, or cultivation in the area.

(3) Describe other dwellings, archaeological, historical, or cultural sites: There are no known buildings, archaeological, historical or cultural sites in the area.

12. Operators Representative: (Address & Phone number)
Thomas D. Harrison; 1923 Wingate Drive; Grand Junction, Colo., 81503
(303) 242-5321

13. Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the drill site and access route; that I am familiar with the conditions which presently exist; that statements made in this plan are, to the best of my knowledge, true and correct; and that work associated with the operations proposed herein will be performed by Jacobs Drilling Company, Grand Junction, Colorado and its contractors in conformity with this plan and terms and conditions under which it is approved.

Date: Sept 22, 1983

Name: Thomas D Harrison
Thomas D. Harrison

Title: Engineer

WATER PERMIT

COPY of PERMIT ON FILE

PLEASE SEE STATE 2-14 &

STATE 2-15 WELLS; S-2, T-21S

R-23E SLB & M

LEASE ML-27749

9 D Harrison

2-14

TOM HARRISON
303-242-5321

OPERATOR Ross JACOBS DATE 9-29-83

WELL NAME STATE 2-16

SEC SESW 2 T 21S R 23E COUNTY GRAND

43-019-31101
API NUMBER

STATE
TYPE OF LEASE

POSTING CHECK OFF:

☐ INDEX ☐ MAP ☐ HL

☐ NID ☐ ☐ PI

PROCESSING COMMENTS:
WATER PERMIT # 59025 01-134

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 9-29-83
BY:

CHIEF PETROLEUM ENGINEER REVIEW:
9/30/83

APPROVAL LETTER:

SPACING: ☐ A-3 _____ UNIT ☒ c-3-a 102-16B 11-15-79 CAUSE NO. & DATE

☐ c-3-b ☐ c-3-c

SPECIAL LANGUAGE:
as per telecom 9-29-83, a Sundry Notice in evidence of properly plugging the Grindstaff #9, and a Sundry Notice to abandon the State 2-15 location shall be submitted to this agency prior to spudding the State 2-16 well, otherwise this letter of approval is void. The Grindstaff Sundry should be submitted by Grindstaff, since official records show Grindstaff as operator.

[✓] RECONCILE WELL NAME AND LOCATION ON APD AGAINST SAME DATA ON PLAT MAP.

[✓] AUTHENTICATE LEASE AND OPERATOR INFORMATION

[✓] VERIFY ADEQUATE AND PROPER BONDING AS PER ED

[✓] AUTHENTICATE IF SITE IS IN A NAMED FIELD, ETC.

[ ] APPLY SPACING CONSIDERATION

- [✓] ORDER 102-1683
- [ ] UNIT _____
- [ ] c-3-b
- [ ] c-3-c

[X] CHECK DISTANCE TO NEAREST WELL. the Grindstaff #9 must be P&A
the Stark 2-15 must be L.A.

[✓] CHECK OUTSTANDING OR OVERDUE REPORTS FOR OPERATOR'S OTHER WELLS.

[✓] IF POTASH DESIGNATED AREA, SPECIAL LANGUAGE ON APPROVAL LETTER

[✓] IF IN OIL SHALE DESIGNATED AREA, SPECIAL APPROVAL LANGUAGE.

September 29, 1983

Ross Jacobs
2467 Commerce Blvd.
Grand Junction, Colorado 81501

RE: Well No. State 2-16
SESW Sec. 2, T. 21S, R. 23E
900' FSL, 2340' FWL
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to oil/gas well is hereby granted in accordance with the Order issued in Cause No. 102-16B dated November 15, 1979. As per telecom September 29, 1983, a Sundry Notice in evidence of properly plugging the Grindstaff #9, and a Sundry Notice to abandon the State 2-15 location shall be submitted to this agency prior to spudding the State 2-16 well, otherwise this letter of approval is void. The Grindstaff Sundry should be submitted by Grindstaff, since offical records show Grindstaff as operator.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

RONALD J. FIRTH - Chief Petroleum Engineer
Office: 533-5771
Home: 571-6068

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-31101.

Sincerely,

Norman C. Stout
Administrative Assistant

NCS/as
cc: State Lands
Encl.

Form OGC-1b

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN DUPLICATE (other instructions on reverse side)

RECEIVED
OCT 3 1983
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: ML-27749

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

1. OIL WELL [X] GAS WELL [X] OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Ross Jacobs

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: 2467 Commerce Blvd., Grand Junction, CO 81501

9. WELL NO.: State 2-16

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface

Changed location of State 2-16 to: 1820' FWL, 500' FSL, S-2, T-21South, R-23 East, SLB&M, Grand County, Utah

10. FIELD AND POOL, OR WILDCAT:

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: S-2, T-21S, R-23E, SLB&M

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.):

12. COUNTY OR PARISH: Grand

13. STATE: Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	[ ]	PULL OR ALTER CASING	[ ]	WATER SHUT-OFF	[ ]	REPAIRING WELL	[ ]
FRACTURE TREAT	[ ]	MULTIPLE COMPLETE	[ ]	FRACTURE TREATMENT	[ ]	ALTERING CASING	[ ]
SHOOT OR ACIDIZE	[ ]	ABANDON*	[ ]	SHOOTING OR ACIDIZING	[ ]	ABANDONMENT*	[ ]
REPAIR WELL	[ ]	CHANGE PLANS	[XX]	(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

L.A.

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Changed location of the State 2-16 well to be drilled to: 1820' FWL, 500' FSL, Section 2, Township 21 South, Range 23 East, SLB&M, Grand County, Utah.

LOCATION ABANDONED

18. I hereby certify that the foregoing is true and correct

SIGNED X Ross Jacobs TITLE Operator DATE Oct 3, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

DAY OF THE YEAR

193 -

TUESDAY, JULY 12

- 172

DAYS REMAINING

Dear Norm — 7/26/83

Here is a completion report on the Stk 2-14 as an oil well. Also an APD for Stk 2-16 which I need ASAP. I will call you Tues or Wed. The Grand staff no. 9 well referred to in the APD watered up 5 years ago & I will plug it next week.

Tom Haven

JULY 1983

Success						
						31
24	25	26	27	28	29	30
17	18	19	20	21	22	23
10	11	12	13	14	15	16